In the Claims:

1-123. (Canceled)

- 124. (Previously presented) An isolated polypeptide comprising:
- (a) the amino acid sequence of the polypeptide of (SEQ ID NO: 377);
- (b) the amino acid sequence of the polypeptide of (SEQ ID NO: 377), lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092.
- 125. (Previously presented) The isolated polypeptide of Claim 124 comprising the amino acid sequence of the polypeptide of (SEQ ID NO: 377).
- 126. (Previously presented) The isolated polypeptide of Claim 124 comprising the amino acid sequence of the polypeptide of (SEQ ID NO: 377), lacking its associated signal peptide.

127-128. (Canceled)

- 129. (Previously presented) The isolated polypeptide of Claim 124 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092.
- 130. (Previously presented) A chimeric polypeptide comprising a polypeptide according to Claim 124 fused to a heterologous polypeptide.
- 131. (Previously presented) The chimeric polypeptide of Claim 130, wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.

- 132. (Previously presented) An isolated polypeptide having at least 80% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092; wherein said polypeptide induces chondrocyte redifferentiation.
- 133. (Previously presented) The isolated polypeptide of Claim 132 having at least 85% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;

wherein said polypeptide induces chondrocyte redifferentiation.

- 134. (Previously presented) The isolated polypeptide of Claim 132 having at least 90% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;

wherein said polypeptide induces chondrocyte redifferentiation.

- 135. (Previously presented) The isolated polypeptide of Claim 132 having at least 95% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092; wherein said polypeptide induces chondrocyte redifferentiation.
- 136. (Previously presented) The isolated polypeptide of Claim 132 having at least 99% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
- (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;

wherein said polypeptide induces chondrocyte redifferentiation.